

CONCEPT NOTE

DIGITAL EDUCATION

Multimedia Content Development & Delivery

(Workshop on New & Innovative Digital Media)

Consortium for Educational Communication (CEC), New Delhi

in collaboration with

School of Journalism & Mass Communication(SJMC),

Aryabhata Knowledge University, Patna, Bihar

Background:

Consortium for Educational Communication (CEC) with its members called EMMRC produces, promotes, and disseminates digital educational content for new-age learners. After developing a treasure of e-content courseware in 87 UG subjects and keeping pace with the world education trend, CEC has moved to production and dissemination of the latest digital mode of education called Massive Open Online Courses (MOOCs) to cater to the ever-growing needs of education sector in India and abroad.

The School of Journalism & Mass Communication (SJMC) Patna, established by the Government of Bihar in the campus of Aryabhata Knowledge University, serves the need for quality media education and research in the region. The SJMC has already started a Master's degree course in Journalism and Mass Communication with adequate infrastructure that includes the latest equipment, smart classes, and faculty members. Other courses are in pipeline. This is the premier and only school of its kind in the region.

Introduction:

Digital learning has become an important concern for higher education due to its immense benefits, namely

- Personalized learning
- Expanded learning opportunities
- Higher engagement rate

Digital Education can be easily accessed and is more engrossing and convenient for the learners. One of the core principles guiding the education system, according to the National Education Policy, 2020 would be the extensive use of technology in teaching & learning, removing language barriers, increasing access, education planning & management.

Digital learning makes effective use of technology and tools throughout the learning process. These could range from the use of smartphones, tablets, and smart boards in classrooms to sophisticated artificial intelligence tools for adaptive learning. Online learning or e-learning is

practiced under digital learning, however, the concept of digital learning encompasses the entire range of teaching and learning pedagogy from a blended learning environment to a personalized learning approach.

Technology-enabled learning requires a new pedagogy and a customized instructional taxonomy based on the learning behaviors/patterns which are changing with the rapid social and technical developments. Technology provides platforms for a fine blend of content delivery with its various attributes for effective learning. Flipped learning is a pedagogical approach in which the conventional notion of classroom-based learning is inverted so that students are introduced to the learning material before class. Classroom time will be used for in-depth understanding through discussion with peers and problem-solving activities. Here problem-solving activities will be provided in an improved and pleasant environment for learning.

Despite the content/ study material being available in abundance on the web, there is a need for the asynchronous learning process that can be designed in a manner where learning outcomes and principles of instructions can be assured. Sincere efforts are on to make e-learning more effective, efficient and user friendly. It is important to analyze the teaching methodologies to discover new ways of interesting, thought-provoking and meaningful learning. The world is coming up with innovations/new methods and ways of learning & packaging of knowledge. Technology is re-shaping the learning process through innovation, design, and development of the content appropriate for present and future generations in the post-modern era. There is also a need to create a digital knowledge repository for current and future learners.

The **purpose of the workshop** is to popularize digital education in the region, acknowledging its significance, understand the MOOCs/digital program production process, and promote a pool of talented and innovative educators/researchers/media professionals who can effectively contribute to digital programs/MOOCs production of CEC/SJMC.

Workshop Aims & Objectives:

- To understand digital education/MOOCs, its structure, and the process of its creation.
 - To develop an appropriate pedagogy for content design & development for digital education/MOOCs.
 - To promote innovations in the field of digital education.
 - To explore the potential and utility of online education and virtual university.
 - To suggest improvement in digital/online education for effective learning in the region of Bihar.
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